

Comparisons of Job Characteristics

Focus Occupation: Tree Trimmers and Pruners (37-3013)

Associated Occupation: Forest and Conservation Workers (45-4011)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 49

Focus Occupation: Tree Trimmers and Pruners (37-3013)

Associated Occupation: Forest and Conservation Workers (45-4011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mathematics	9.2	14.0	5.7	<<	Extensive education and/or training may be required
Geography	3.9	13.8	4.2	<<	Extensive education and/or training may be required
Biology	3.7	12.8	9.2	<<	Extensive education and/or training may be required
Administration and Management	8.4	11.7	7.8	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	9.3	4.6	<<	Extensive education and/or training may be required
Law and Government	5.9	9.0	5.4	<<	Extensive education and/or training may be required
Transportation	4.6	8.1	9.2	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 73

Focus Occupation: Tree Trimmers and Pruners (37-3013)

Associated Occupation: Forest and Conservation Workers (45-4011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Management of Material Resources	3.7	5.5	2.4	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 73			
Focus Occupation: Tree Trimmers and Pruners (37-3013) Associated Occupation: Forest and Conservation Workers (45-4011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Static Strength	5.0	10.5	11.2	0	Current ability level may be sufficient
Multilimb Coordination	6.0	9.8	12.3	>	Current ability level is likely sufficient
Dynamic Strength	3.5	7.3	8.2	>	Current ability level is likely sufficient
Stamina	4.0	7.3	8.5	>	Current ability level is likely sufficient
Spatial Orientation	2.7	6.5	7.6	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 85
Focus Occupation: Tree Trimmers and Pruners (37-3013) Associated Occupation: Forest and Conservation Workers (45-4011)		
Work Activities	Exclusivity of Activity	
Move or fit heavy objects	8	
Recognize plant diseases	72	
Use chain saws	78	
Use hand or power tools	2	
Use herbicides, fertilizers, pesticides or related products	71	
Use plant disease control techniques	75	
Use portable hand spray equipment	82	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: n/a
Focus Occupation: Tree Trimmers and Pruners (37-3013) Associated Occupation: Forest and Conservation Workers (45-4011)		
Tools and Technologies		Exclusivity
Tools and technology data is unavailable for one or both occupations.		

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.